



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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www.miamidade.gov/economy

GAF

**1 Campus Drive
Parsippany, NJ. 07054**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF ThermaCal® 1 Ventilated Roof Insulation Panels, ThermaCal® 2 Ventilated Roof Insulation Panels, & ThermaCal® Non-Ventilated Roof Insulation Panels

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 07-0927.04 and consists of pages 1 through 4.
The submitted documentation was reviewed by Alex Tigera.

Alex Tigera 10/17/14



NOA No.: 12-1002.29
Expiration Date: 12/27/17
Approval Date: 10/16/14
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Roofing Insulation
Materials: Polyisocyanurate

TYPICAL PHYSICAL PROPERTIES:

| <u>Product</u> | <u>Property</u> | <u>Test Method</u> | <u>Typical Results</u> |
|--|--|--------------------|---|
| ThermaCal® 1 Ventilated Roof Insulation Panels, ThermaCal® 2 Ventilated Roof Insulation Panels, ThermaCal® Non- Ventilated Roof Insulation Panels | Density | ASTM D 1622 | 2.0 – 2.5 lbs./ft ³ |
| | Compressive Strength | ASTM D 1621 | 24 psi |
| | Water Absorption | ASTM C 209 | Less than 1% by volume |
| | Moisture Vapor Transmission | ASTM E 96 | Less than one (1) perm |
| | Service Temperature | | -100°F +250°F Max |
| | Surface Burning Characteristics (4" Foam Core Max.) | ASTM E 84 | Flame Spread: 45-50 Smoke Developed: 105-450 |

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. Numerical ratings as determined by ASTM Test Method E-84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.

MANUFACTURING LOCATIONS:

1. Statesboro, GA.

EVIDENCE SUBMITTED

| <u>Test Agency/Identifier</u> | <u>Name</u> | <u>Report</u> | <u>Date</u> |
|---|---------------------|---------------|-------------|
| PRI Construction Materials Technologies, Inc. | ASTM C 1289 | GAF-369-02-01 | 10/23/12 |
| Underwriters Laboratories, Inc. | Fire Classification | R1306 | 10/29/12 |
| | Fire Classification | R18846 | 04/15/03 |
| Exterior Research & Design, LLC. | ASTM C 1289 | 03190.05.04-1 | 05/24/04 |



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TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

| | |
|----------------------|---|
| Tradename: | ThermaCal® Non-Ventilated Roof Insulation Panels |
| Thickness: | 1.5" – 8" (38.1 – 203.2m) |
| Board Size(s) | 4' x 8' (1.2 x 2.4 m) |
| Core: | Polyisocyanurate Foam |
| Facers: | Fiber reinforced felt and APA rated 5/8 " plywood |
| Decks: | Concrete, Cementitious Wood Fiber, Steel, Wood |
| Special Application: | Polyisocyanurate insulation laminated to APA rated 5/8" plywood. See specific Roof Assembly NOA, and RAS 117 for specific system approvals. ThermaCal® Non-Ventilated Roof Insulation Panels shall be manufactured with APA rated plywood to comply with the provisions of Chapter 23 of the Florida Building Code |
| Tradename: | ThermaCal® 1 Ventilated Roof Insulation Panels |
| Thickness: | 1.5" – 8" (38.1 – 203.2m) |
| Board Size(s) | 4' x 8' (1.2 x 2.4 m) |
| Core: | Polyisocyanurate Foam |
| Facers: | Fiber reinforced felt and APA rated 5/8 " plywood |
| Decks: | Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum |
| Special Application: | Polyisocyanurate insulation laminated to 1", 1.5", or 2" solid wood spacers (to create an air space) then laminated to APA rated 5/8" plywood. See specific Roof Assembly NOA, and RAS 117 for specific system approvals. ThermaCal® 1 Ventilated Roof Insulation Panels shall be manufactured with APA rated plywood to comply with the provisions of Chapter 23 of the Florida Building Code |
| Tradename: | ThermaCal® 2 Ventilated Roof Insulation Panels |
| Thickness: | 1.5" – 8" (38.1 – 203.2m) |
| Board Size(s) | 4' x 8' (1.2 x 2.4 m) |
| Core: | Polyisocyanurate Foam |
| Facers: | Fiber reinforced felt and APA rated 5/8 " plywood |
| Decks: | Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum |
| Special Application: | Polyisocyanurate insulation laminated APA rated 5/8" plywood, then laminated to 1", 1.5", or 2" solid wood spacers (to create an air space) then laminated to a second layer of APA rated 5/8" plywood. See specific Roof Assembly NOA, and RAS 117 for specific system approvals. ThermaCal® 2 Ventilated Roof Insulation Panels shall be manufactured with APA rated plywood to comply with the provisions of Chapter 23 of the Florida Building Code |

COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
2. GAF products may be used with any approved roof covering listing a specific GAF product as a component part of a roof assembly Notice of Acceptance. If a GAF product is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or Miami Dade Product Control for approval provided that appropriate documentation is provided.
3. Fire classification is not a part of this Notice of Acceptance.
4. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

